# App Exchange REST Table Instructions

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# 1 English

Lightning Web Component with the ability to execute a REST GET callout to obtain data from an external system. The data obtained is not saved on Salesforce, it is only available to be consulted.

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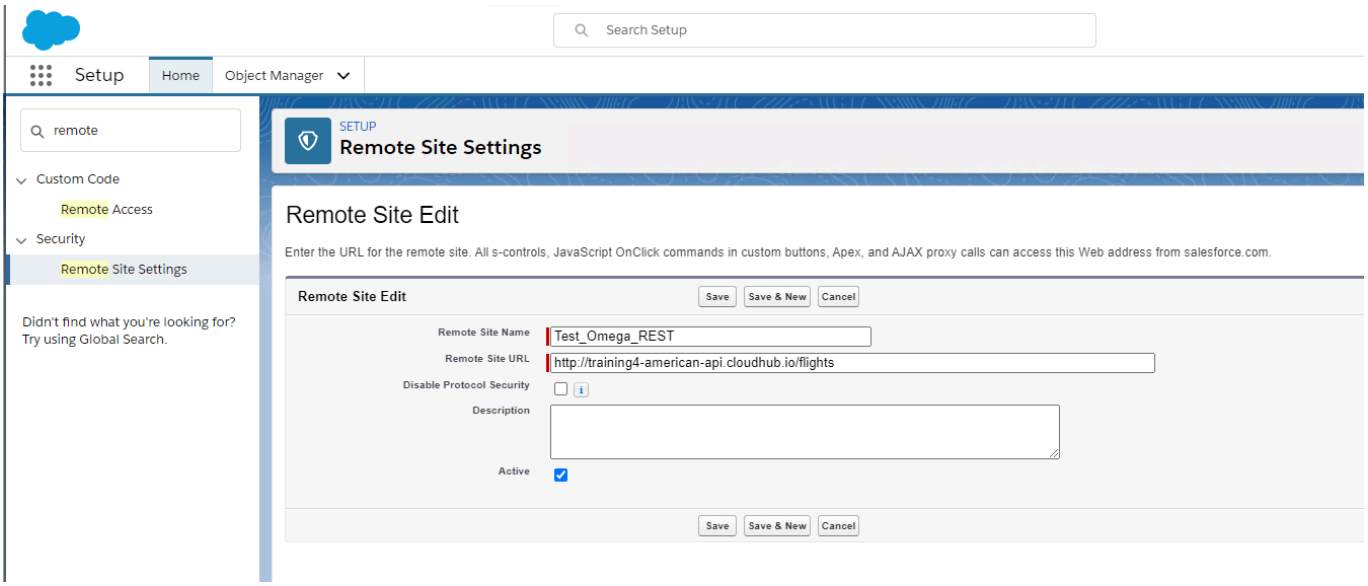
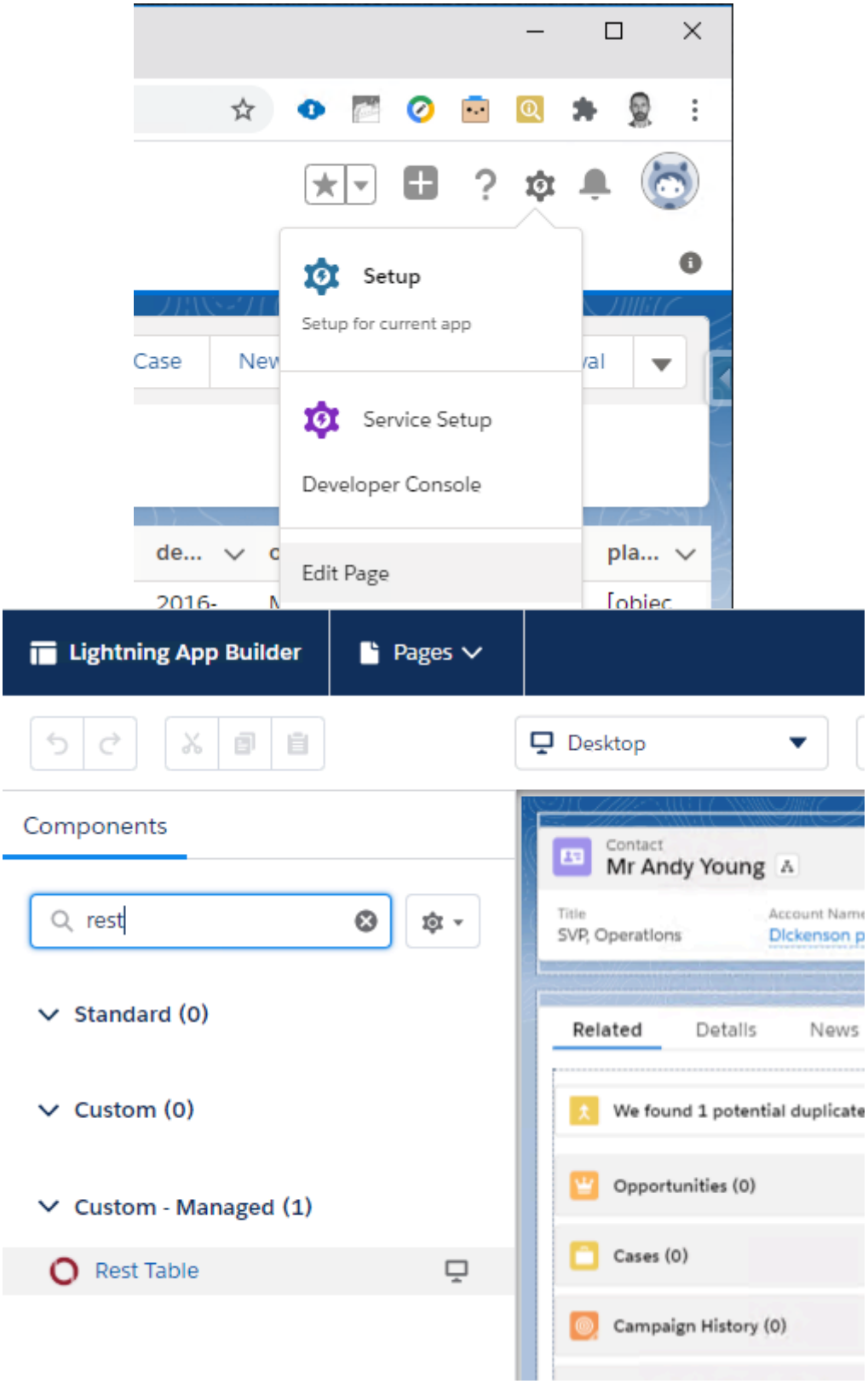
    - Available for: AppPage, HomePage, RecordPage
- Labels
  - Error_DataInvalid
  - Error_NoEndpoint
  - Error_Server
  - Error_ServerEndpoint
- Apex Classes
  - RestTableController
  - RestTableController_Test
  - RestTableDesign
  - RestTableDesign_Test
- Static Resources
  - GetDataMockResponse

**How to configure the component to show the data:**

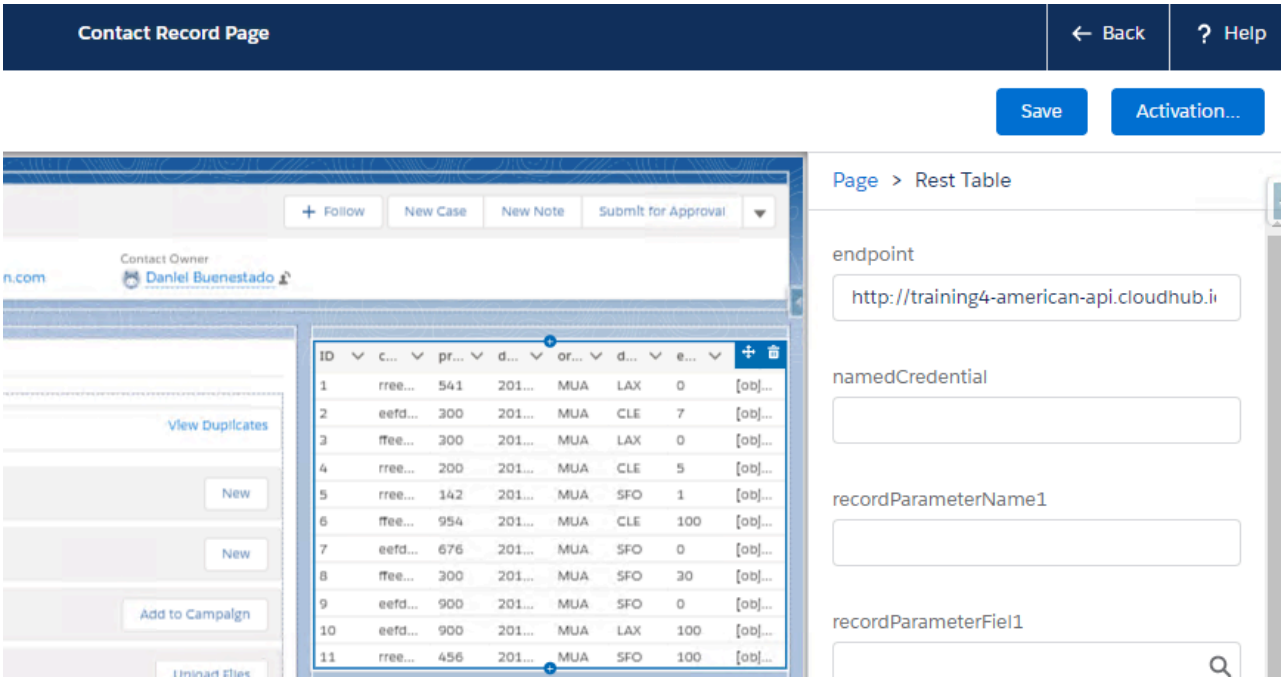
1- Remote Site Settings → To be able to use the endpoint, it has to be authorized. This authorization cannot be granted by the component, it has to be set from the Setup → Remote Site Settings. If you are using a Named Credential you can skip this step.




2- Add the component to the page where you want to show it (note: you must have My Domain activated )




3- Once dropped on the page where we want to show it, we must configure the conexion parameters.




AppPage, HomePage, RecordPage attributes:

- endpoint → REST callout address.
  - IMPORTANT: If you are using a named credential, only inform this field with the address appended to the Named Credential base URL
    - Example:

    https://www.myownwebservice/v2/cars/buyers

    Named Credential url: https://www.myownwebservice

    endpoint field value: v2/cars/buyers
- namedCredential → The name of the Named Credential
- headerAttributeX → Name of the header attribute for the REST callout.
- headerValueX → Value for the REST callout attribute
  - Where X is a value from 1 to 5.
- urlParameterNameX → Name of the parameter that will go on the URL. It will concatenate it at the end of the endpoint.
- urlParameterValueX → Hardcoded value that will be assigned to the respective parameter on the URL.

RecordPage attributes:

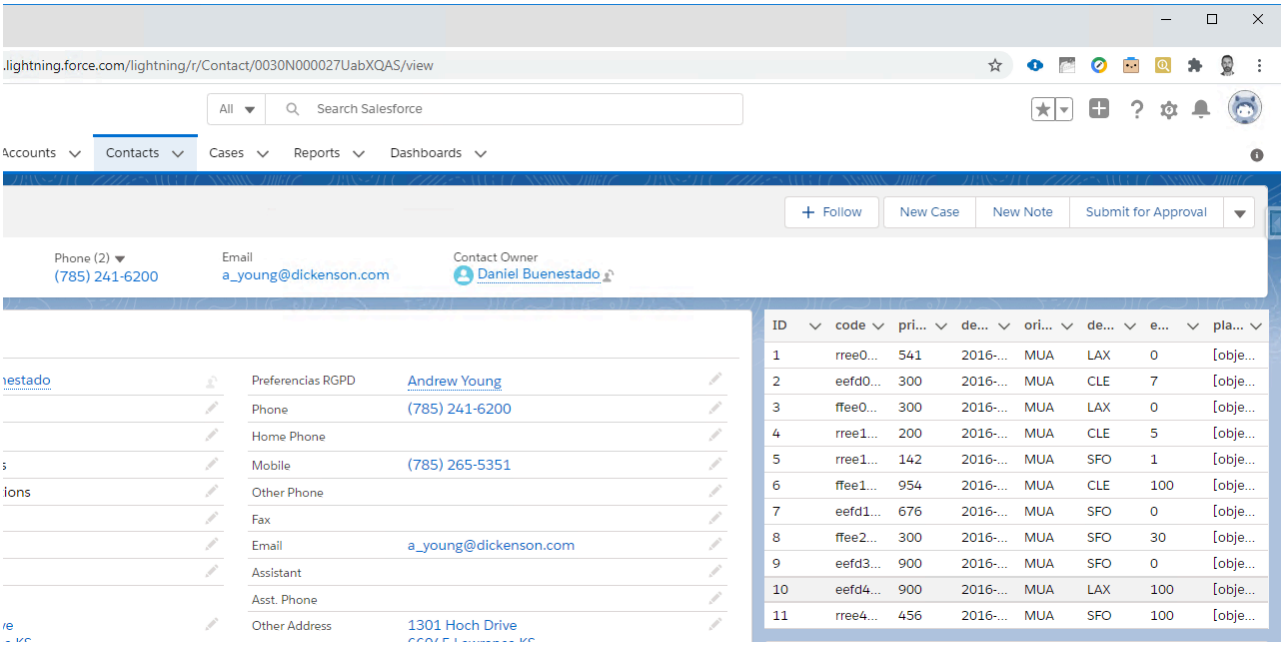
- recordParameterNameX → Name of the parameter that will go on the URL. It will concatenate it at the end of the endpoint.
- recordParameterFieldX → The field from which we will extract the value that will be assign to the parameter on the URL.
  - Where X is a value from 1 to 3.

**For demo purposes you can use the following:**

- endpoint: http://training4-american-api.cloudhub.io/flights
- headerAttribute1: client_id
- headerValue1: d846d01ea59640108779eaaa532d00ca
- headerAttribute2: client_secret

- headerValue2: F7C5ecA48EBA449399b4B140416849B0

4- Once the changes are saved, the external data should be showing:




The REST GET service must return a JSON with the following list structure: [{},{},{},…,{}]. Where each element of the list is a JSON object with key value pairs (The keys must be the same for all the list elements). The component will read the keys and use them to give name to the datatable columns. The values will populate the datatable rows.

- Example:

```
[
   {
      "firstName": "Joe",
      "lastName": "Doe",
      "Age": 20
   },
   {
      "firstName": "Jane",
      "lastName": "Doe",
      "Age": 22
   }
]
```

Will become:

| firstName | lastName | Age |
|---|---|---|
| Joe | Doe | 20 |

| firstName | lastName | Age |
|---|---|---|
| Jane | Doe | 22 |

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# 2 Spanish

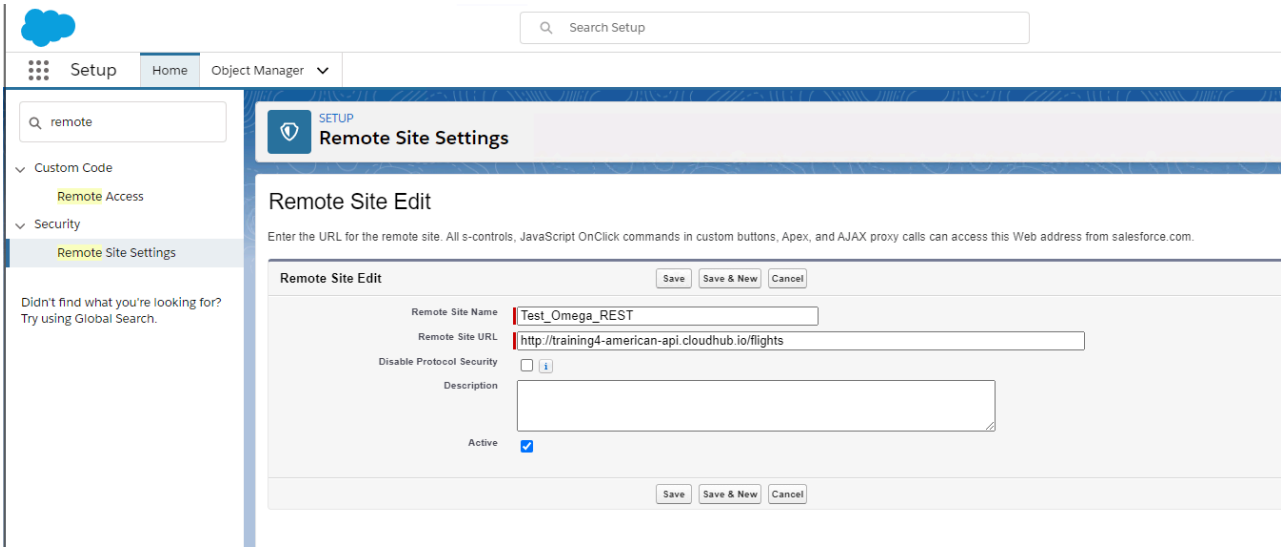
Lightning Web Component con llamada REST GET para obtener datos de un sistema externo. Los datos obtenidos no se almacenaran en Salesforce, únicamente estará disponibles para ser visualizados.

**Contenido del paquete:**

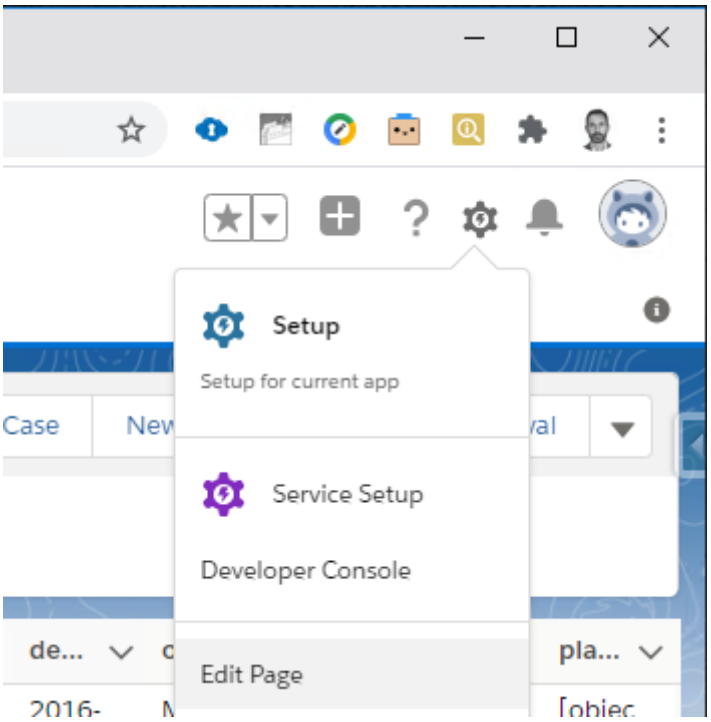
- LWC
  - restTableContainer
    - Disponible para: AppPage, HomePage, RecordPage
- Labels
  - Error_DataInvalid
  - Error_NoEndpoint
  - Error_Server
  - Error_ServerEndpoint
- Apex Classes
  - RestTableController
  - RestTableController_Test
  - RestTableDesign
  - RestTableDesign_Test
- Static Resources
  - GetDataMockResponse

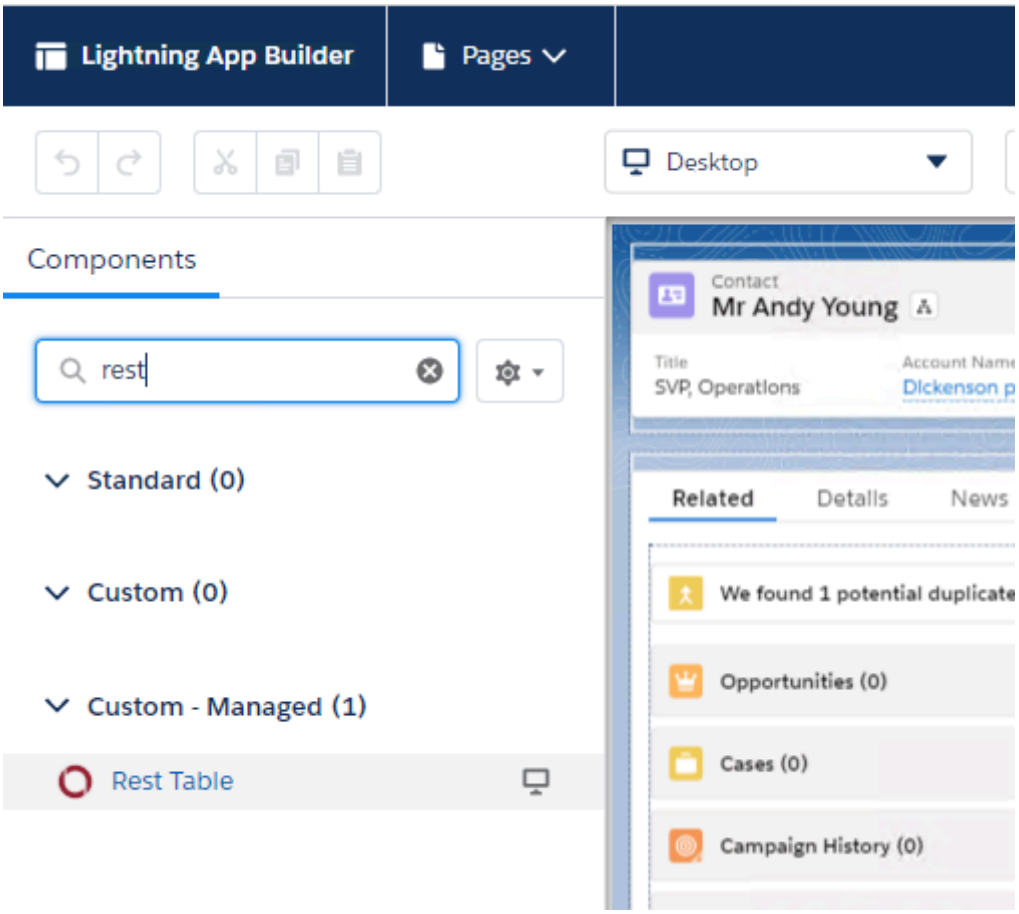
**Configurar el componente para mostrar los datos:**

1- Remote Site Settings → El endpoint que vaya a usarse para acceder a los datos debe estar autorizado. Esta autorización no puede gestionarse desde el componente, ha de hacerse desde Setup → Remote Site Settings. Pudes saltarte este paso si usas un Named Credential.

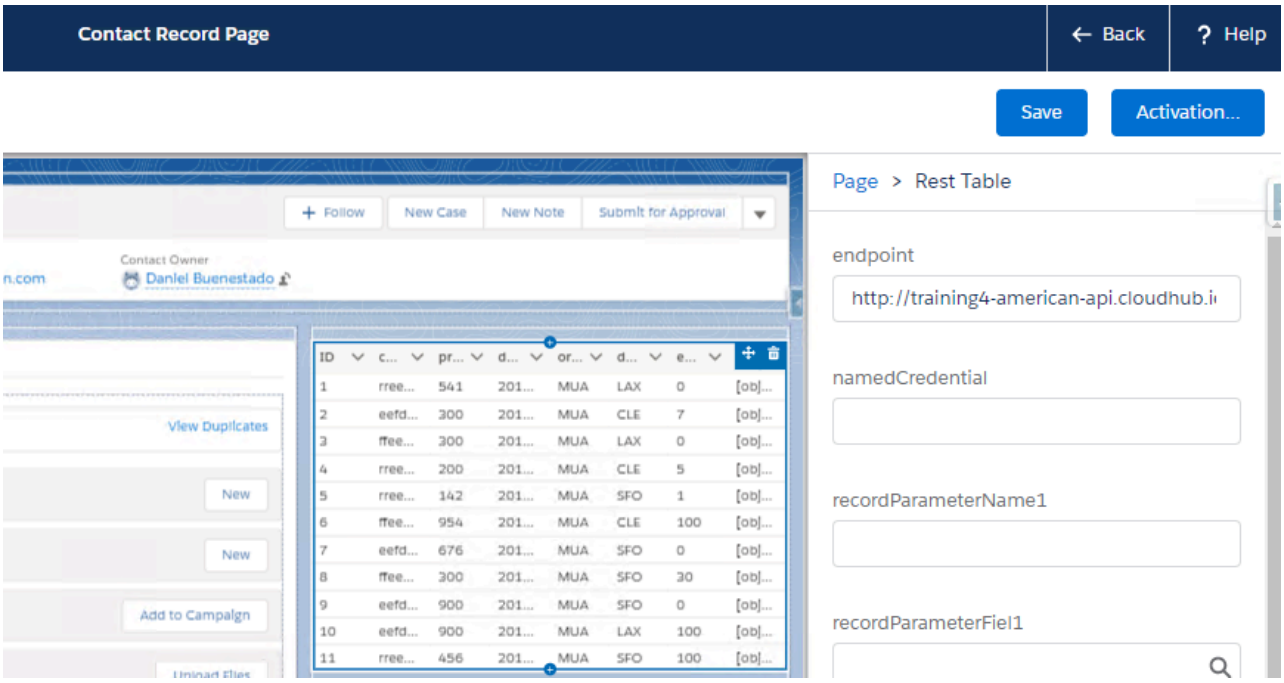



2-Añadir el componente a la página donde se quiera mostrar (nota: es necesario tener activado “My Domain” previamente)






3-Una vez arrastrado el componente a la ubicación donde lo queremos mostrar en la página, es necesario configurar los parámetros de conexión.




Tendremos los siguientes campos disponibles para configurar la llamada REST GET:

Atributos para AppPage, HomePage, RecordPage

- endpoint → Dirección a la que se hará la llamada REST.
    - IMPORTANTE: Si estás usando un Named Credential, informa únicamente de la dirección concatenada a la url de base definida en el Named Credential:
        - Ejemplo:

https://www.myownwebservice/v2/cars/buyers

Named Credential url: https://www.myownwebservice

Valor del campo endpoint: v2/cars/buyers

- headerAttributeX → Nombre del atributo para la cabecera de la llamada REST.
- headerValueX → Valor que contendrá el atributo de la cabecera.
    - Donde X es un valor de 1 a 5.
- urlParameterNameX → Nombre del parámetro que irá en la url de la llamada. Se concatenará al final del endpoint.
- urlParameterValueX → Valor fijo que se asignará al parámetro correspondiente.

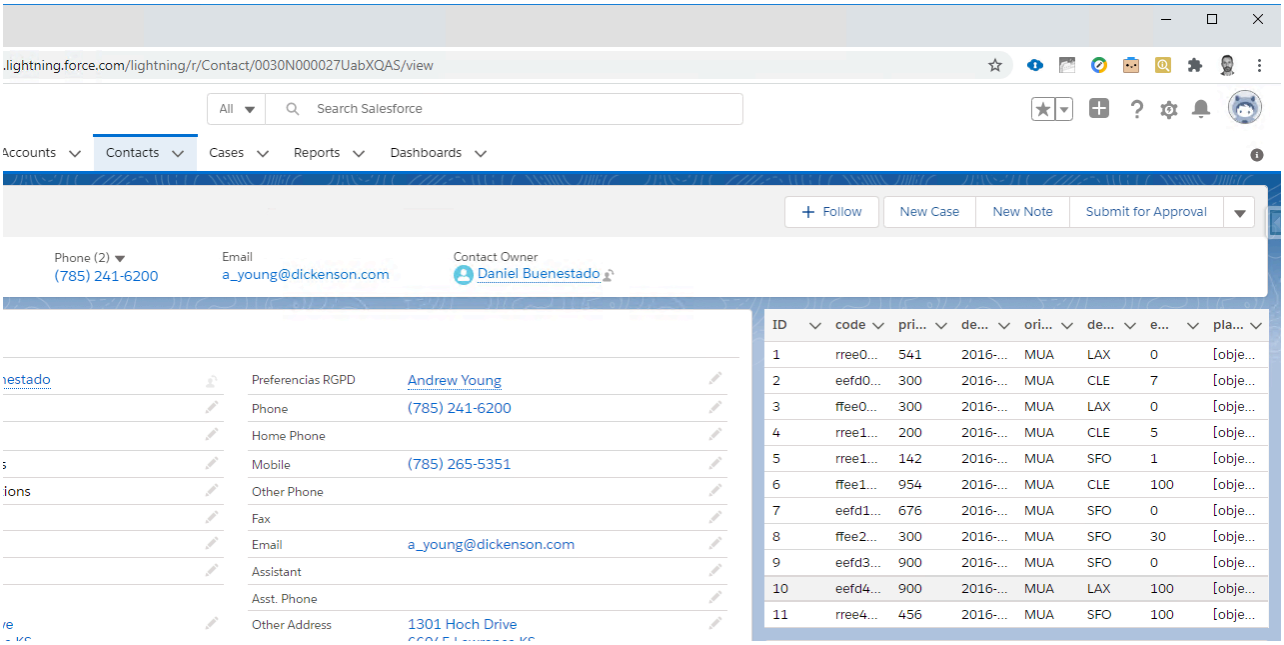
Atributos para RecordPage

- recordParameterNameX → Nombre del parámetro que irá en la url de la llamada. Se concatenará al final del endpoint.
- recordParameterFieldX → Valor del parámetro correspondiente a extraer de un campo determinado del registro.
    - Donde X es un valor de 1 a 3

**Para demos se pueden utilizar estos parámetros:**

- endpoint: http://training4-american-api.cloudhub.io/flights
- headerAttribute1: client_id
- headerValue1: d846d01ea59640108779eaaa532d00ca
- headerAttribute2: client_secret
- headerValue2: F7C5ecA48EBA449399b4B140416849B0

4-Una vez guardados los cambios y activado el componente, se mostrará el componente Rest con los datos provenientes del sistema externo:




Nota técnica: el servicio REST GET rebe retornar un JSON con la siguiente estructura de lista: [{},{},{},…,{}]. Donde cada elemento de la lista es un objeto JSON con con parejas clave valor (las claves deberán ser iguales para todos los elementos de la lista). El componente usará las claves para dar nombre a las columnas y los valores para crear líneas de la tabla.

- Ejemplo:

```
[
   {
      "firstName": "Joe",
      "lastName": "Doe",
      "Age": 20
   },
   {
      "firstName": "Jane",
      "lastName": "Doe",
      "Age": 22
   }
]
```

Pasará a ser:

| firstName | lastName | Age |
|---|---|---|
| Joe | Doe | 20 |

| firstName | lastName | Age |
| --- | --- | --- |
| Jane | Doe | 22 |